

MILGUARD 24"

TOUCH ENABLED FLAT PANEL DISPLAY



OVERVIEW

The 24in MILGUARD display from Rugged Science is a ruggedized and shock approved wide screen LCD suitable for use as a panel mount console monitor. The 24in MILGUARD features a 1920x1080 WUXGA resolution in a widescreen 16:9 aspect ratio. The 24in MILGUARD is a fan-less design, with a tough, corrosion resistant housing, and wide viewing angles to ± 89 degrees. It features 5-Wire Resistive Touch, and bezel mounted, user-programmable OSD menu keys.

FEATURES

- 24" LCD display with LED backlight
- 1920x1080 resolution
- 2.8mm tempered glass
- Brightness 300 cd/m2
- 89 degree viewing angle H & V
- IP65 Front | IP54 Back
- Bezel mounted OSD
- 5-wire Resistive Touchscreen

Display

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|---------------------|--|
| Type | TFT Active Matrix LCD display with LED backlight |
| Dimensions (inches) | 15.72 (H) X 25.38 (W) X 2.94 (D) |
| Weight | 18 lbs |
| Ingress Rating | IP65 Front IP54 Back |
| Screen Size | 24 inch diagonal |
| Resolution | 1920x1080 16:9 Wide screen aspect ratio |
| Glass | 2.8mm optically bonded tempered glass |
| Coating | Anti-Reflective Coating |
| Brightness | 300 cd/m ² |
| Brightness Control | Push Button control 0-100% logarithmic |
| Contrast | 5000:1 |
| Colors | 16.7M |
| Min Viewing Angle | +/-89°(H), +/-89°(V) |
| Touchscreen | 5-wire resistive touch |
| OSD Menu | Front bezel mounted OSD menu buttons that allow directly accessible brightness up/down |

Power

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|-----------------------|--|
| Input Power | INPUT VOLTAGE: 9-36VDC CURRENT: 3.3 AMP MAXIMUM @ 9VDC POWER CONSUMPTION: 30 WATTS MAXIMUM |
| Operating Temperature | -20°C to 60°C Fanless passively cooled |
| I/O Ports | USB Touchscreen VGA Connector DVI Connector |

Certifications (Panel Mount Application)

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|------------------------------------|----------------|
| Shock | MIL-STD-901D |
| Vibration | MIL-STD-167-1A |
| Electromagnetic Interference (EMI) | MIL-STD-461G |
| Environmental | MIL-STD-810G |

